

Customer No. 22,852
Attorney Docket No. 05788.0369

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | |
|---|---|---|
| In re Application of: |) | |
| |) | |
| Paolo MINZIONI et al. |) | Group Art Unit: Not Yet Assigned |
| |) | |
| Application No.: 10/540,491 |) | Examiner: Not Yet Assigned |
| |) | |
| Filed: June 23, 2005 |) | |
| |) | |
| National Stage of International Application No. |) | |
| PCT/EP2002/014730 under 35 U.S.C. 371, for |) | |
| OPTICAL TRANSMISSION SYSTEM USING |) | |
| AN OPTICAL PHASE CONJUGATION |) | |
| DEVICE |) | |

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§1.56 and 1.97(b), applicants bring to the Examiner's attention the documents listed on attached Form PTO/SB/08 and cited in the international search report. With exception of the U.S. patents, copies of the listed documents are attached. Applicants respectfully request that the Examiner consider the documents listed on attached Form PTO/SB/08 and indicate that they were considered by making an appropriate notation on this form. This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application.

The following is listed on the accompanying PTO/SB/08 and is in a non-English language:

1. French Patent Application No. 2 757 720 - The relevance of this document is discussed at page 4 of the specification of the present application.

Also, enclosed is an English-language international search report from the Patent Office in the PCT international application, from which this national phase U.S. application is derived.


This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and applicants determine that the cited documents do not constitute "prior art" under United States law, applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents. Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: March 21, 2006

By: 
Ernest F. Chapman
Reg. No. 25,961

Enclosures
EFC/FPD/sci

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

| | |
|------------------------|-----------------------|
| Application Number | 10/311,991 |
| Filing Date | June 23, 2005 |
| First Named Inventor | Paolo MINZIONI et al. |
| Art Unit | Not Yet Assigned |
| Examiner Name | Not Yet Assigned |
| Attorney Docket Number | 05788.0369 |

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS

| Examiner Initials | Cite No. ¹ | Document Number | Issue or Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|-------------------|-----------------------|--|---|---|---|
| | | Number-Kind Code ² (if known) | | | |
| | | US-6,175,435 B1 | 01-16-2001 | WATANABE | |
| | | US-5,365,362 | 11-15-1994 | GNAUCK et al. | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004**FOREIGN PATENT DOCUMENTS**

| Examiner Initials | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | Translation ⁵ |
|-------------------|-----------------------|---|--------------------------------|---|---|--------------------------|
| | | Country Code ³ Number ⁴ Kind Code ⁵ (if known) | | | | |
| | | EP 0 987 583 A2 | 03-22-2000 | WATANABE et al. | | |
| | | WO 99/05805 | 02-04-1999 | MARCENAC | | |
| | | FR 2 757 720 | 06-26-1998 | CORTES et al. | | NO |
| | | | | | | |

NON PATENT LITERATURE DOCUMENTS

| Examiner Initials | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | Translation ⁶ |
|-------------------|-----------------------|---|--------------------------|
| | | AGRAWAL, G. P., "Optical Phase Conjugation", Fiber-Optic Communication Systems, Second Edition, John Wiley & Sons, Inc., Rochester, New York, pp. 448-453, (1997). | |
| | | LORATTANASANE, C. et al., "Design Theory of Long-Distance Optical Transmission Systems Using Midway Optical Phase Conjugation", Journal of Lightwave Technology, Vol. 15, No. 6, pp. 948-955, (June 1997). | |
| | | AGRAWAL, G. P., "Stimulated Raman Scattering", Nonlinear Fiber Optics, Second Edition, Academic Press, Rochester, New York, pp. 316-319, (1995). | |
| | | TSUZAKI, T. et al., "Broadband Discrete Fiber Raman Amplifier with High Differential Gain Operating Over 1.65µm-Band", OFC 2001, pp. MA3-1 & MA3-3, (2001). | |
| | | GILES, C. R. et al., "Polarization-Independent Phase Conjugation in a Reflective Optical Mixer," IEEE Photonics Technology Letters, Vol. 7, No. 1, pp. 126-128, (January 1995). | |

| | | | |
|--------------------|--|-----------------|--|
| Examiner Signature | | Date Considered | |
|--------------------|--|-----------------|--|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.